

Form PTO-1449 (modified)

Atty. Docket No.
UVMO:021USSerial No.
10/665,377

List of Patents and Publications for Applicant's



Applicant
William J. Welsh *et al.*

INFORMATION DISCLOSURE STATEMENT


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Exam. Init.	Ref. Des.	Document Number	Date	Name	Class	Sub Class	Filing Date of App.
	A1	5,436,249	07/25/95	Dappen <i>et al.</i>	514	279	05/16/94
	A2	5,922,887	07/13/99	Dondio and Ronzoni	548	539	05/20/96
	A3	6,359,111	05/19/02	Meyer and Kasina	530	302	05/27/99
	A4	5,298,622	03/29/94	Portoghese <i>et al.</i>	546	15	05/12/93
	A5	5,457,208	10/10/95	Portoghese and Olmsted	546	35	06/21/93
	A6	4,816,586	03/28/89	Portoghese	544	340	07/29/87

Foreign Patent Documents

Exam. Init.	Ref. Des.	Document Number	Date	Country	Class	Sub Class	Translation Yes/No
	B1	WO 99/67206	12/29/99	PCT			

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Exam. Init.	Ref. Des.	Citation
	C1	Abdelhamid <i>et al.</i> , "Selective blockage of Delta opioid receptors prevents the development of morphine tolerance and dependence in mice," <i>J. Pharmacol. Exp. Ther.</i> , 258(1):299-303, 1991.
	C2	Akil <i>et al.</i> , "Endogenous opioids: biology and function," <i>Annual Rev. Neurosci.</i> , 7:223-255, 1984.
	C3	Ananthan <i>et al.</i> , "Synthesis, opioid receptor binding, and bioassay of naltrindole analogues substituted in the indolic benzene moiety," <i>J. Med. Chem.</i> , 41(15):2872-2881, 1998.
	C4	Ananthan <i>et al.</i> , "Synthesis, opioid receptor binding, and biological activities of naltrexone-derived pyrido- and pyrimidomorphinans," <i>J. Med. Chem.</i> , 42(18):3527-3538, 1999.
	C5	Bertolucci <i>et al.</i> , "Microdialysis of opioid peptide release from the nucleus accumbens and ventral pallidum of the freely moving rat," <i>Neurosci. Abstr.</i> , 18L1368, 1992.
	C6	Blisky <i>et al.</i> , "SNC 80, a selective, nonpeptidic and systemically active opioid delta agonist," <i>J. Pharmacol. Exp. Ther.</i> , 273(1):359-366, 1995.

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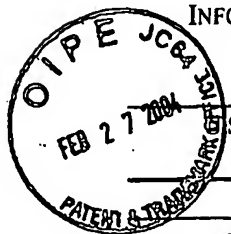
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	C7	Bradbury <i>et al.</i> , "Biosynthetic origin and receptor conformation of methionine enkephalin," <i>Nature</i> , 260:165-166, 1976.
	C8	Conn <i>et al.</i> , "An unusual fischer indole synthesis with 4-keto acids: an indole incorporating the terminal hydrazine nitrogen," <i>J. Org. Chem.</i> , 55(90):2908-2913, 1990.
	C9	Coombs <i>et al.</i> , "Intrathecal morphine tolerance: use of intrathecal clonidine, DADLE, and intraventricular morphine," <i>Anesthesiology</i> , 62(3):358-363, 1985.
	C10	Cramer III <i>et al.</i> , "Comparative molecular field analysis (CoMFA). 1. Effect of shape on binding of steroids to carrier proteins," <i>J. of the Am. Chem. Soc.</i> , 110(18):5959-5967, 1988.
	C11	Dressman and Lennérnas, In: <i>Oral Drug Absorption: Prediction and Assessment (Drugs and the Pharmaceutical Sciences)</i> , Vol. 106, 2000.
	C12	Foley, In: <i>Handbook of Experimental Pharmacology</i> , Herz (ed.), Vol. 104/II: Opioids II, Springer-Verlag, Berlin, 693-743, 1993.
	C13	Gomes-Flores and Weber, "Differential effects of buprenorphine and morphine on immune and neuroendocrine functions following acute administration in the rat mesencephalon periaqueductal gray," <i>Immunopharm.</i> , 48:145-156, 2000.
	C14	Hardman and Limbird, In: <i>Goodman & Gilman's The Pharmacological Basis of Therapeutics</i> , 10 th ed., McGraw-Hill Professional Publishing, 2001.
	C15	House <i>et al.</i> , "Suppression of immune function by non-peptidic delta opioid receptor antagonists," <i>Neurosci. Lett.</i> , 198:119, 1995.
	C16	Hughes <i>et al.</i> , "Identification of two related pentapeptides from the brain with potent opiate agonist activity," <i>Nature</i> , 258:577-579, 1975.
	C17	Kaliszan <i>et al.</i> , "Gradient HPLC in the determination of drug lipophilicity and acidity," <i>Pure Appl. Chem.</i> , 73:1465-1475, 2001.
	C18	Knapp <i>et al.</i> , "Properties of TAN-67, a nonpeptidic δ -opioid receptor agonist, at cloned human δ - and μ -opioid receptors," <i>Eur. J. Pharmacol.</i> , 291(2):129-134, 1995.
	C19	Knapp <i>et al.</i> , "Structure-activity relationships for SNC80 and related compounds at cloned human delta and mu opioid receptors," <i>J. Pharmacol. Exp. Ther.</i> , 277(3):1284-1291, 1996.
	C20	Koob <i>et al.</i> , "Neural substrates of opiate withdrawal," <i>TINS</i> , 15(5):186-191, 1992.

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	C21	Liao <i>et al.</i> , "De novo design, synthesis, and biological activities of high-affinity and selective non-peptide agonists of the δ -opioid receptor," <i>J. Med. Chem.</i> , 41(24):4767-4776, 1998.
	C22	Loh <i>et al.</i> , "Molecular characterization of opioid receptors," <i>Annu. Rev. Pharmacol. Toxicol.</i> , 30:123-147, 1990.
	C23	Lutz and Pfister, "Opioid receptors and their pharmacological profiles," <i>J. Receptor Res.</i> , 12(3):267-286, 1992.
	C24	Martin, "Pharmacology of opioids," <i>Pharmacol. Rev.</i> , 35(4):283-323, 1983.
	C25	Okawa <i>et al.</i> , "7-arylidenenaltrexones as selective $\delta 1$ opioid receptor antagonists," <i>J. Med. Chem.</i> , 41:4177-4180, 1998.
	C26	Olson <i>et al.</i> , "Endogenous opiates: 1988," <i>Peptides</i> , 10:1253-1280, 1989.
	C27	Pert and Snyder, "Opiate receptor: demonstration in nervous tissue," <i>Science</i> , 179(4077):1011-1014, 1973.
	C28	Pfeiffer <i>et al.</i> , "Psychotomimesis mediated by $\$/kappa$ $\$$ opiate receptors," <i>Science</i> , 233(4765):774-776, 1986.
	C29	Plobeck <i>et al.</i> , "New diarylmethylpiperazines as potent and selective nonpeptidic δ opioid receptor agonists with increased in vitro metabolic stability," <i>J. Med. Chem.</i> , 43(21):3887-3894, 2000.
	C30	Olmsted <i>et al.</i> , "A remarkable change of opioid receptor selectivity on the attachment of a peptidomimetic κ address element to the δ antagonist, naltrexone: 5'[(N2-alkylamindino) methyl]naltrexone derivatives as a novel class of κ opioid receptor antagonists," <i>J. Med. Chem.</i> , 36:179-180, 1993.
	C31	Portoghese <i>et al.</i> , "7-arylidenenaltrexones as selective $\delta 1$ opioid receptor antagonists," <i>J. Med. Chem.</i> , 41:4177-4180, 1998.
	C32	Raynor <i>et al.</i> , "Pharmacological characterization of the cloned κ -, δ -, and μ - opioid receptors," <i>Molecular Pharmacol.</i> , 45:330-334, 1994.
	C33	Reid <i>et al.</i> , "Naltrexone, an opioid delta receptor antagonist, blocks cocaine-induced facilitation of responding for rewarding brain stimulation," <i>Life Sci.</i> , 52:PL67-71, 1993.
	C34	Saltzman, In: <i>Drug Delivery: Engineering Principles for Drug Therapy (Topics in Chemical Engineering)</i> , Oxford University Press, 2001.

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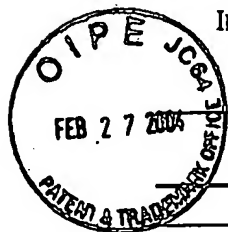
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	C35	Schiller <i>et al.</i> , "The opioid μ agonist/ δ antagonist DIPP-NH ₂ [Ψ] produces a potent analgesic effect, no physical dependence, and less tolerance than morphine in rats," <i>J. Med. Chem.</i> , 42(18):3520, 1999.
	C36	Sharp and Yaksh, "Pain killers of the immune system," <i>Nat. Med.</i> , 3(8):831-832, 1997.
	C37	Simon, "Opioid receptors and endogenous opioid peptides," <i>Medicinal Res. Rev.</i> , 11(4):357-374, 1991.
	C38	Stevens <i>et al.</i> , "Potent and selective indolomorphinan antagonists of the kappa-opioid receptor," <i>J. Med. Chem.</i> , 43(14):2759-2769, 2000.
	C39	Takemori and Portoghese, "Selective natrexone-derived opioid receptor antagonists," <i>Annu. Rev. Pharmacol. Toxicol.</i> , 32:239-269, 1992.
	C40	Wei <i>et al.</i> , "N,N-diethyl-4-(phenylpiperidin-4-ylidenemethyl)benzamide: a novel exceptionally selective, potent δ opioid receptor agonist with oral bioavailability and its analogues," <i>J. Med. Chem.</i> , 43(21):3895-905, 2000.

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<i>MS</i>	A7	5,578,725	11/26/96	Portoghese and Garouz-Grant	546	35	1/30/95
<i>MS</i>	A8	5,852,030	12/22/98	Nagase <i>et al.</i>	514	279	9/10/96

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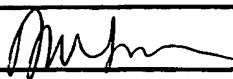
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	C41	Peng <i>et al.</i> , "3D-QSAR comparative molecular field analysis on opioid receptor antagonists: pooling data from different studies," <i>Journal of Medicinal Chemistry</i> , 48(5):1620-1629, 2005.
	C42	Peng <i>et al.</i> , "3D-QSAR comparative molecular field analysis on opioid receptor agonists SNC80 and its analogs," <i>Journal of Molecular Graphics & Modeling</i> , submitted January 31, 2005.

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